



9/24/04

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Practitioner's Docket No. IB-1830

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: A. Paul Alivisatos

Application No.: 10/659,992

Group No.:

Filed: September 10, 2003

Examiner:

For: Graded Core/Shell Semiconductor Nanorods and Nanorod Barcodes

Mail Stop Amendment

Commissioner for Patents

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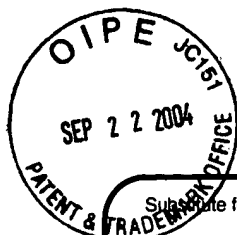
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Sheet 1 of 9

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Application Number	10/659,992
Filing Date	9/10/2003
First Named Inventor	A. Paul Alivisatos
Art Unit	
Examiner Name	
Attorney Docket Number	IB-1830

### U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	A	WO 99/25028 A1	06/20/1999	PCT		

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First Named Inventor

A. Paul Alivisatos

Art Unit

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Attorney Docket Number

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	103	LEON, et al., <i>Science</i> , Volume 267, pp. 1966-1968, (March 1995)	
	104	LI, et al., <i>Nature</i> , Volume 402, pp. 393-395, (November 1999)	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet **8** of **9****Complete if Known**

Application Number	10/659,992
Filing Date	9/10/2003
First Named Inventor	A. Paul Alivisatos
Art Unit	
Examiner Name	
Attorney Docket Number	IB-1830

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	105	LIEBER, <i>Solid State Communications</i> , Volume 107, Number 11, pp. 607-616, (November 1998)	
	106	LIU, et al., <i>Physical Review Letters</i> , Volume 84, Number 9, pp. 1958-1961, (February 2000)	
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	113	PENG, et al., <i>Journal of the American Chemical Society</i> , Volume 120, pp. 5343-5344, (May 1998)	
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	117	QI, et al., <i>Journal of Physical Chemistry B</i> , Volume 101, pp. 3460-3463, (April 1997)	
	118	REES, et al., <i>Langmuir</i> , Volume 15, pp. 1993-2002, (February 1999)	

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Sheet **9** of **9****Complete if Known**Application Number **10/659,992**Filing Date **9/10/2003**First Named Inventor **A. Paul Alivisatos**

Art Unit

Examiner Name

Attorney Docket Number **IB-1830****OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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	<b>119</b>	SATOH, et al., <i>Japanese Journal of Applied Physics</i> , Volume 38, Part 2, Number 5B, pp. L586-L589, (May 1999)	
	<b>120</b>	SHEVCHENKO, et al., <i>Advanced Materials</i> , Volume 14, Number 4, pp. 287-290, (February 2002)	
	<b>121</b>	SMALLEY, et al., <i>Solid State Communications</i> , Volume 107, Number 11, pp.597-606, (January 1998)	
	<b>122</b>	TANORI, et al., <i>Langmuir</i> , Volume 13, pp. 639-646, (January 1997)	
	<b>123</b>	TRENTLER, et al., <i>Science</i> , Volume 270, pp. 1791-1794, (December 1995)	
	<b>124</b>	WANG, et al., <i>Science</i> , Volume 293, pp. 1455-1457, (August 2001)	
	<b>125</b>	YEH, et al., <i>Physical Review B</i> , Volume 45, Number 20, pp. 12 130 - 12 133, (May 1992)	
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	<b>127</b>	YU, et al., <i>The Journal of Physical Chemistry B</i> , Volume 101, Number 34, pp. 6661-6664, (August 1997)	
	<b>128</b>	ZHOU, et al., <i>Materials Research Bulletin</i> , Volume 34, Numbers 10/11, pp. 1563-1567, (January 1999)	
	<b>129</b>	ZHOU, et al., <i>Journal of Applied Polymer Science</i> , Volume 80, pp. 1520-1525, (January 2001)	
	<b>130</b>	CERULLO, et al, In: <i>Summaries of Papers at the Quantum and Laser Science Conference, QELS '96</i> . New York: IEEE, pp. 167-168, 2-7 June 1996	

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